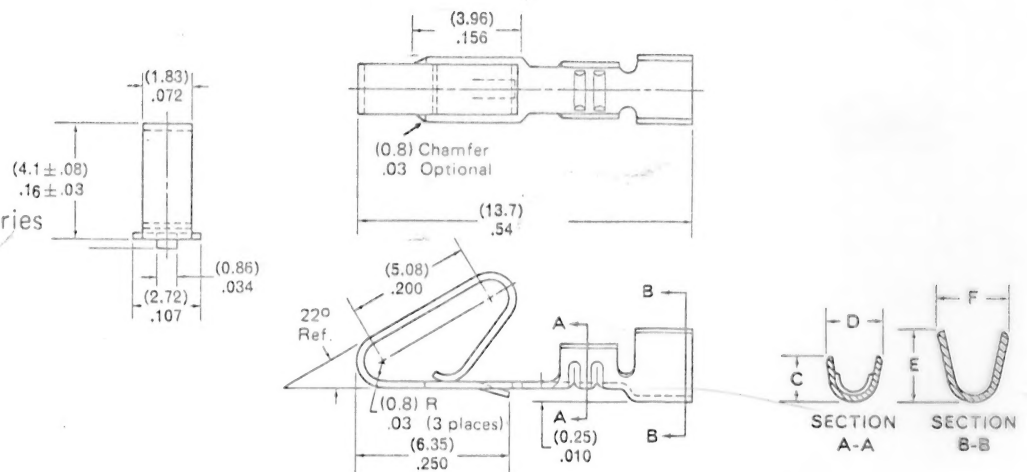


2478, 2578, 2878 and 4838 Series  
KK Crimp Style: .156"



### Crimp Styles

Eng. No.	Order No.	Form	Material	Finish	Wire Size	OD	C	D	E	F
2478-T	08-50-0105	Chain	70/30 brass	Pre Tinplate <sup>4</sup>	18-24 AWG	(2.54) .100 max. <sup>1</sup> (2.79) .110 max. <sup>2</sup>	(2.3) .09	(2.5) .10	(3.6) .14	(3.3) .13
2478-TL	08-50-0106	Loose	70/30 brass	Pre Tinplate <sup>4</sup>	18-24 AWG	(2.54) .100 max. <sup>1</sup> (2.79) .110 max. <sup>2</sup>	(2.3) .09	(2.5) .10	(3.6) .14	(3.3) .13
2478-G	08-56-0105	Chain	70/30 brass	Gold <sup>3</sup>	18-24 AWG	(2.54) .100 max. <sup>1</sup> (2.79) .110 max. <sup>2</sup>	(2.3) .09	(2.5) .10	(3.6) .14	(3.3) .13
2478-GL	08-56-0106	Loose	70/30 brass	Gold <sup>3</sup>	18-24 AWG	(2.54) .100 max. <sup>1</sup> (2.79) .110 max. <sup>2</sup>	(2.3) .09	(2.5) .10	(3.6) .14	(3.3) .13
2578-T	08-50-0107	Chain	70/30 brass	Pre Tinplate <sup>4</sup>	22-26 AWG	(1.651) .065 max. (1.651) .065 max.	(1.8) .07	(2.0) .08	(2.3) .09	(2.64) .104 max.
2578-TL	08-50-0108	Loose	70/30 brass	Pre Tinplate <sup>4</sup>	22-26 AWG	(1.651) .065 max. (1.651) .065 max.	(1.8) .07	(2.0) .08	(2.3) .09	(2.64) .104 max.
2578-G	08-56-0107	Chain	70/30 brass	Gold <sup>3</sup>	22-26 AWG	(1.651) .065 max. (1.651) .065 max.	(1.8) .07	(2.0) .08	(2.3) .09	(2.64) .104 max.
2578-GL	08-56-0108	Loose	70/30 brass	Gold <sup>3</sup>	22-26 AWG	(1.651) .065 max. (1.651) .065 max.	(1.8) .07	(2.0) .08	(2.3) .09	(2.64) .104 max.
2878-T*	08-50-0115	Chain	70/30 brass	Pre Tinplate	18-24 AWG	(2.79) .110 max. <sup>2</sup>	(2.3) .09	(2.5) .10	(3.6) .14	(3.3) .13
2878-TL*	08-50-0116	Loose	70/30 brass	Pre Tinplate	18-24 AWG	(2.79) .110 max. <sup>2</sup>	(2.3) .09	(2.5) .10	(3.6) .14	(3.3) .13
4838-T	08-50-0131	Chain	70/30 brass	Pre Tinplate	18-22 AWG	(2.41) .095 max.	(2.0) .08	(2.3) .09	(3.1) .12	(3.1) .12
4838-TL	08-50-0132	Loose	70/30 brass	Pre Tinplate	18-22 AWG	(2.41) .095 max.	(2.0) .08	(2.3) .09	(3.1) .12	(3.1) .12

<sup>1</sup> With 2139 Connector

<sup>2</sup> With 2574 Connector

<sup>3</sup> (.005) gold over (.0008) nickel  
.00002 .00003

All dimensions: (mm)  
inches

<sup>4</sup> Pre-tin plate

<sup>5</sup> Post-tin plate

\*Bifurcated contact (slotted)

See page 59-61 for crimping equipment.

### technical data

#### mechanical characteristics

Insertion and retention: minimum retention of 8 lb (3.63 kg).  
Terminals have maximum insertion force of 4 lb (1.81 kg).

#### Crimp Strength

Wire Gage (AWG)	18	20	22	24	26
Pullout Force (Kg) lb	(9.07) 20	(6.80) 15	(5.44) 12	(3.63) 8	(2.27) 5